

IN THE ABSTRACT:

Please DELETE the Abstract in its entirety and substitute the attached new Abstract.

Q1
An apparatus generating a seek direction detecting signal includes a light dividing unit dividing an incident light beam into at least two beams having a main beam and a sub-beam so that at least two beam spots including a main beam spot and at least one sub-beam spot having an optical aberration, can be focused in the track direction of an optical disk, the light dividing unit providing that the direction of the optical aberration of the sub-beam spot can be the tangential direction of the optical disk, an optical detector unit, a first signal processing portion processing a track error signal from signals output from the optical detector, a second signal processing portion processing a track cross signal from the signals output from the optical detector, and a generator generating the seek direction detecting signal from the phase difference between the track cross signal and the track error signal.
